Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 12 Feb 2022 until 23:59 on Sunday 13 Feb 2022

Forecast Issued on Friday 11 Feb 2022 at 15:11

Confidence: There is some uncertainty in the exact location of heavier rain on Saturday and a chance that eastern or northern areas will be drier than the forecast below. Otherwise high confidence for a period of unsettled, windy and wet weather, with some wintry spells too, over the forecast period.

Headline for Saturday 12 Feb 2022: Persistent heavy rain at times during the day with southwesterly gales.

Mountain weather hazards on Saturday 12 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Light rain	Light rain	Heavy Rain	Heavy Rain	Light rain	Cloudy
Precipitation probability							
20%	30%	40%	40%	60%	90%	60%	20%

Forecast for Saturday 12 Feb 2022

Weather: Mainly dry through the early part of the night but becoming dull with some light rain later. Rain will continue through the morning and be quite persistent and heavy at times, accompanied by southwesterly gales it will feel quite cold and make for difficult walking conditions. There is a little uncertainty in where the heaviest rainfall will be and a chance that northern and eastern areas will see some drier conditions in the afternoon and that perhaps rain will ease and become more showery for all during the afternoon. It is likely that it will clear south during the evening.

Chance of cloud-free hill tops above 600m: 20% or less, very little chance with widespread low cloud associated with rain, perhaps the best chance is later in the afternoon in the east.

Low cloud and visibility: A poor visibility day for the Peak District with widespread extensive low cloud covering most hill tops and poor low level visibility in heavy rain, visibility perhaps moderating a little in the north and east in the afternoon with the odd glimmer of a hill top a possibility. Low cloud layers are expected to be broken, extensive in the west, from 400m and above, perhaps lifting to 500m and above in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 12 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/40 SW	31/42 SW	31/42 SW	33/44 SW	34/47 S	36/49 SW	34/48 SW	29/41 SW	26/37 SW
300	21/31 S	23/34 S	23/35 S	25/37 S	27/41 S	27/41 S	24/38 SW	21/33 SW	18/30 SW
Valley	12/29 S	14/32 S	14/32 S	16/35 S	17/37 S	18/38 S	17/36 SW	14/31 SW	13/28 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-7	0/-8	1/-7	1/-7	2/-6	2/-6	4/-4	4/-2	4/-2
300	3/-3	3/-3	4/-2	4/-2	4/-2	5/-2	6/0	6/1	6/2
Valley	3/-1	4/-1	4/-0	4/-0	5/0	5/0	6/2	6/2	7/3
Freezing Level*	500m	600m	700m	800m	900m	1300m	1400m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There is the risk of some localised flooding of watercourses around the Peak District and it is likely to become very wet underfoot by the afternoon. Very strong winds accompanying the heavy rain will add to the wind chill effect making it feel very cold. Difficult walking conditions are likely in these conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 11 Feb 2022	1.2mm	1.2mm	9.2mm

Forecast for Sunday 13 Feb 2022

Weather: After a drier period overnight there will be further rain which spreads north around dawn and becomes heavy and persistent for much of the day, there will be a few drier interludes but it is hard to define when these will be.

Maximum wind: Southerly 15-20 mph with gusts 30-35mph.

Chance of cloud-free hill tops above 600m: 10% or less, extensive low cloud around the hills for most of the day in association with rain.

Low cloud and visibility: Extensive low cloud layers above 300m for much of the day, perhaps further east will see broken cloud above 4-500m. Visibility will be poor for much of the day in heavy rain.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius.
At 600m: Plus 5 Celsius.
Freezing level: Above the summits.

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